

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): An acceleration sensor calibration and evaluation method comprising:

attaching a strain gauge (25) to a side surface of a metal rod (1) and affixing an acceleration sensor (23) to be calibrated and evaluated to one of end surfaces (22) of the metal rod;

impacting a plurality of projectiles (3) against the other of the end surfaces (2) of the metal rod to generate an elastic wave pulse in the metal rod;

taking as an input signal to an acceleration sensor and a strain gauge, dynamic displacement, velocity or acceleration in a direction normal to the other end surface arising in a process of the elastic wave pulse generated at the other end surface of the metal rod reaching and being reflected by the one end surface where the acceleration sensor is affixed;

measuring the input signal with the acceleration sensor and the strain gauge;

processing measurement values of the strain gauge to obtain an acceleration; and

comparing the acceleration with an output of the acceleration sensor.

Claims 2-24 (Canceled).